

LAHIVE  
&  
COCKFIELD  
L L P

COUNSELLORS AT LAW  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109-1784  
TELEPHONE (617) 227-7400  
FAX (617) 742-4214  
www.lahive.com

JOHN A. LAHIVE, JR. (1928-1997)  
JAMES E. COCKFIELD (1930-2005)  
THOMAS V. SMURZYNSKI  
GIULIO A. DeCONTI, JR.  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DEBRA J. MILASINCIC, Ph.D.  
MEGAN E. WILLIAMS, Ph.D.  
WILLIAM A. SCOFIELD, JR.  
SIBLEY P. REPPERT  
JOHN D. LANZA  
DAVID R. BURNS  
JOHN S. CURRAN  
SEAN D. DETWEILER  
HATHAWAY P. RUSSELL \*  
MARIA LACCOTRIPE ZACHARAKIS, Ph.D.

DANIELLE L. HERRITT  
EUIHOON LEE \*\*  
MANEESH GULATI  
CYNTHIA M. SOROOS  
PETER W. DINI, Ph.D.  
MICHAEL J. BASTIAN, Ph.D.  
CHRISTOPHER J. McKENNA  
VINCENT P. LOCCISANO  
JAMES M. MCKENZIE  
CYNTHIA M. GILBERT  
LEIGH J. MARTINSON  
JILL R. GORNY  
SAPNA MEHTANI, Ph.D.

OF COUNSEL  
JEREMIAH LYNCH  
JEANNE M. DIGIORGIO  
CYNTHIA L. KANIK, Ph.D.  
BENEDICT A. MONACHINO

PATENT AGENTS  
CRISTIN E. HOWLEY, Ph.D.  
JILL ANN MELLO, Ph.D.  
CHRISTOPHER E. DRABIK  
JAMES H. VELEMA  
JACOB G. WEINTRAUB  
BRIAN C. TRINQUE, Ph.D.

TECHNICAL SPECIALISTS  
CATHERINE M. BISHOP  
DEBORAH L. NAGLE, Ph.D.  
ANNE JACQUELINE WIZEMAN, Ph.D.  
CHRISTOPHER R. COWLES, Ph.D.  
W. ELANA WANG  
MEAGHAN L. RICHMOND, Ph.D.  
SHARON M. WALKER, Ph.D.

\* Admitted in TX only  
\*\* Admitted in CT only

September 1, 2005

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/820,530  
For: *METHODS OF MEASURING THE ABILITY OF A TEST COMPOUND TO  
INACTIVATE A BIOLOGICAL TARGET IN CELLS OF A SUBJECT*  
Inventors: Dennis Benjamin, *et al.*  
Filed: April 7, 2004  
Our Ref. No.: PPI-144

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Supplemental Information Disclosure Statement;
2. PTO Form SB/08;
3. A copy of the International Search Report and Written Opinion;
4. Copies of references cited in PTO Form SB/08 (3); and
5. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

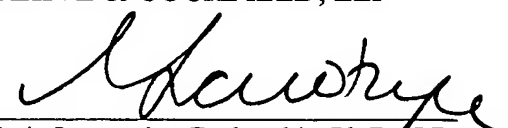
I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to:  
MS Amendment, Commissioner for Patents, P.O. Box 1450,  
Alexandria, Virginia 22313-1450 on:

September 1, 2005

Date

Maria Laccotripe Zacharakis, Ph.D., J.D., Registration No. 56,266

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

  
Maria Laccotripe Zacharakis, Ph.D., J.D.  
Registration No. 56,266  
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Dennis Benjamin, *et al.*

Serial No.: 10/820,530

Filed: April 7, 2004

For: *METHODS OF MEASURING THE ABILITY OF  
A TEST COMPOUND TO INACTIVATE A  
BIOLOGICAL TARGET IN CELLS OF A SUBJECT*

Attorney Docket No.: PPI-144

Group Art Unit: 1641

Examiner: Not Yet Assigned

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Certificate of First Class Mailing (37 CFR §1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date set forth below.

September 1, 2005

Date of Signature and of Mail Deposit

By: 

Maria Laccotripe Zacharakis, Ph.D., J.D.  
Registration No. 56,266  
Attorney for Applicants

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

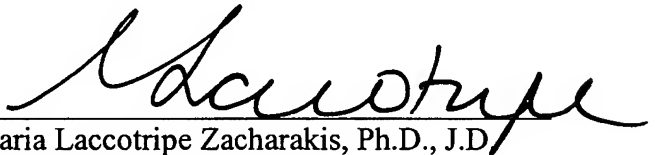
Dear Sir:

Applicants and their Attorney have become aware of the following publications and information, cited in an International Search Report and Written Opinion mailed April 19, 2005 during the prosecution of PCT/US2004/010941 which corresponds to the above referenced application. In accordance with 37 CFR §1.97, Applicants hereby submit these publications for the Examiner's consideration. These publications are cited on the enclosed PTO Form SB/08, and a copy of the Report and each publication cited thereon are enclosed as well. Copies of foreign patent documents and non-patent literature (Reference ID Nos. B1-B3) are enclosed in accordance with 37 CFR 1.98.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, the Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP



Maria Laccotripe Zacharakis, Ph.D., J.D.  
Registration No. 56,266  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
(617) 227-7400

Date: September 1, 2005

GAD/MCL/DLN/rl  
Enclosures



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/820,530
				Filing Date	April 7, 2004
				First Named Inventor	Dennis Benjamin
				Art Unit	1641
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	PPI-144

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	B1	JP 06 181798 A	07-05-1994	International Reagents Corp.		Abet
	B2	WO 02/065977 A2, A3	08-29-2002	Israel Institute for Biological Research		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	B3	Morain, P., et al. "Pharmacodynamic and pharmacokinetic profile of S 17092, a new orally active prolyl endopeptidase inhibitor, in elderly healthy volunteers. A phase I study." <i>Br J Clin Pharmacol.</i> Oct 2000; 50(4):350-9.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--